5.6" TFT LCD MONITOR
User's Manual

Edition: V1.0

312-0617-109R

About this user manual

The user manual was provided to let the user to understand the equipment quickly and use it correctly, and also can proceed for simply repaired procedures.

Federal Communications Commission (FCC)

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment onto an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and
(2) This device must accept any interference received, including interference that may cause undesired operation.

Safety Information

- 5.6"TFT LCD Monitor is operated by battery when not connected to any other power source. If the battery is removed incorrectly, it may cause damage to human. So please do not remove the battery or let the battery get touch with water or bask under the sun directly.
- Please read and check this user manual carefully.
- Please use the accessories, especially the power adapter, specified by the manufacturer. It may cause damage if use the un-approval accessories.
- Before turn on the equipment, make sure all accessories were installed correctly.
- Do not use it near water.
- Do not install near any heat source or bask under the sun directly.
- Put it on a stable desk to avoid user injured or system damaged.
- Protect the power cord to avoid anything put on it. Do not put power cord from being walked.
- Do not let the power socket over loading to avoid sparking or electric shock.
- Do not repair it by yourself. Open cabinet may cause user in danger.
- Please pull out the power cord immediately under below situations: :
  - Power cord damaged
  - Liquid spray on the machine.
  - The machine dropped on the ground or cabinet damaged。
- Please package it well to be repaired when it was breakdown.
- **Warranty**:

The warranty will be terminated if the TFT LCD monitor was opened. When the user has problem using this equipment, please contact the seller and request for technical support. If the damage is caused of incorrect operation or does not follow the user manual, the manufacture will not guarantee its responsibility.

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Introduction

This section regards with all previous preparation before turn the equipment on and an introduction of the function keys.

- "Check package"
- "Parts of TFT LCD Monitor"
- "Function key"

Check package

The package list below is only for reference. Due to some accessories are optional, it might have some differences. If any of the accessories are missing or damage, please contact your local dealer immediately. Please keep the package for re-packing when needed to send it back for an after-sales service.

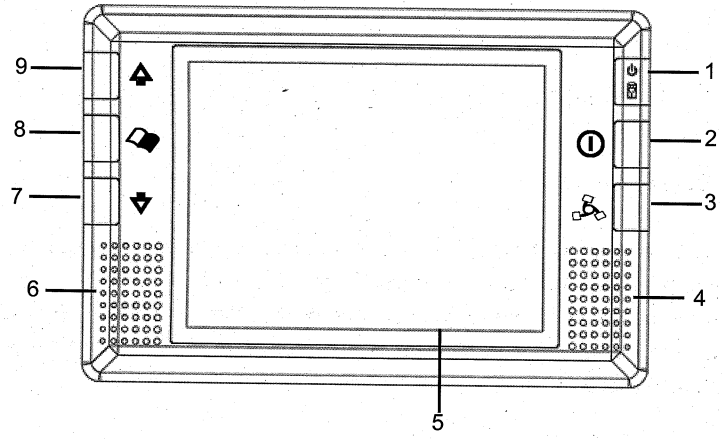
Accessories

- TFT LCD Monitor x1
- Recharge Li -poly battery x1
- User Manual x1
- 3.5" stereo jack to RCA jack cable x1
- Travel case with carrying and waist strap x1
- AC Adapter x1
- Car power cord x1

Parts of the TFT LCD Monitor

This section describes the parts of the TFT LCD Monitor

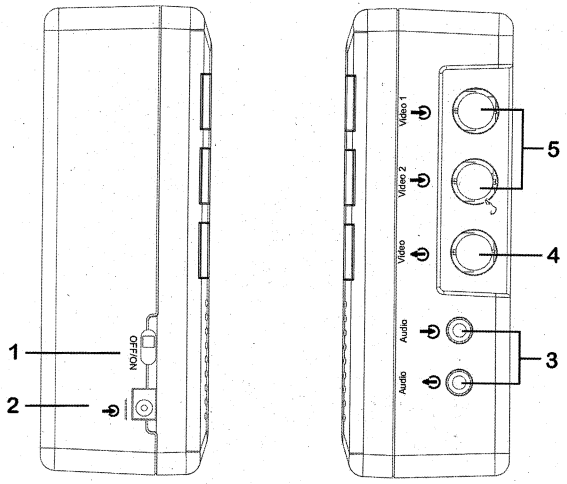
➢ **Front view**



	Description
1	Power / Charge indicator
2	Power on/ off
3	Input signal source switcher
4	Speaker
5	TFT LCD Display
6	Speaker
7	Move downwards adjustment (Decrease volume)
8	Enter to OSD Menu / Enter for adjustment
9	Move upwards adjustment (Increase volume)

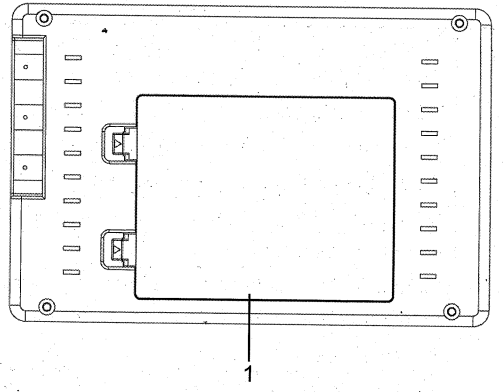
※ **Remark:** A low battery sign will show on the screen when battery is low.

➢ **Side View**



	Description
1	Battery mode (Enable/Disable/battery power source)
2	Power input jack (DC IN)
3	Audio input/ output
4	Video OUT
5	Video1 / Video 2 IN

➢ **Back View**



	Description
1	Rechargeable battery

OSD Menu

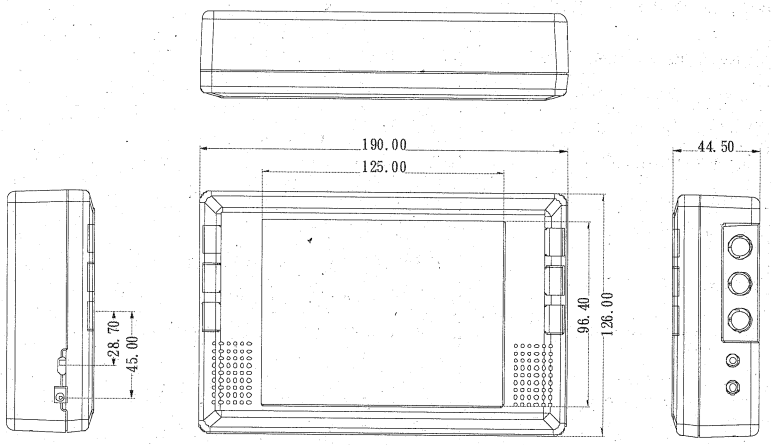
1. Press "PICTURE" function key to show "MENU"
2. Use DOWN、UP function key to downwards or upwards the options. When you move into the selected OSD item, it will turn to white background and green text. Ensure you want to select this item by pressing "PICTURE" key and adjust the suitable value with the DOWN or UP key.

OSD Function

Menu	Definition
Language	11 Languages option: English、Chinese (Traditional)、Chinese (Simple)、Japanese、French、Spanish、Italian、Dutch、Portuguese、Russian and Czech
Auto Off	Three types: DISABLE、5 MINUTES and 10 MINUTES
Contrast	Adjust the contrast of the screen image
Brightness	Adjust the brightness of the screen image
Color	Adjust the color of the screen image
Tint	Adjust the tint of the screen image (NTSC system only)
Sharpness	Adjust the sharpness of the screen image
Recall	Recall the default value

※ **Remarks**：VOLUME is not in the OSD MENU. Press "DOWN" or "UP" to adjust volume directly. Mode change order: Video1->Video2->PATTERN

Dimension



Specification

Item	Specification
LCD Display	5.6" TFT LCD Monitor
Resolution	640 × (RGB) × 480
Contrast ratio	500 : 1
Brightness	200cd/m^2 (TYP.)
Response Time Tr / Tf	10/15 ms (Typ.)
Display Mode	Video 1,Video 2,Test pattern
Display color	16.7M
Input	2 x BNC Inputs (1.0Vp-p @75Ω) 1 x Audio Input (3.5Φstereo Jack)
Output	1 x BNC Outputs (1.0Vp-p @75Ω impedance) 1 x Audio Output (3.5Φstereo Jack)
Audio Speaker	1W (Max.)

Front Control Panel Buttons	Power on/off, LED indicator, Source, UP (Volume Increase), Down (Volume Decrease),
Cabinet Material / Color	Plastic / Silver (Front) Plastic / Black (Rear)
Operating Temperature	0°C~40°C
Operating Humidity	20%~85%
Storage Temperature	-20°C~60°C
Storage Humidity	20%~85%
Power Input	AC Input:100~240V, 50 / 60Hz
Power Output	DC 12V / 1.5A
Power Consumption	11.25W(without battery charge) / 19.875W Max(with battery charge)
Rechargeable battery	Li-ion battery (7.4V / 2600mAh)
Dimension	190 x 126 x 44.5 mm
Packing Dimension	256 x 175 x 116mm (1pc/Box)
Weight	N.W：0.62kgs G.W：1.55kgs
Stands / bracket supported	1/4" standard screw mount on bottom
Safety	FCC, CE(EMC), BSMI
Lamp Life Time	20,000 hrs
Viewing Angle L/R	70° / 70° (TYP.)
Viewing Angle U/D	50° / 70° (TYP.)

Spec. will change without notice.

5.6"液晶顯示器
使用者手冊

版本：V1.0

引言

關於本使用手冊

本手冊目的是讓使用者快速對系統了解，並正確的使用，也可以進行簡易的系統維護。

FCC 聲明

本產品已經依照 Class B 的數位器材測試，並遵守 FCC 規則第 15 條。 這些規定是提供安裝時合理的系統保護，並避免安裝錯誤所引起的系統傷害。 此裝置會產生輻射與光熱，如果沒有依照使用手冊安裝，可能會干擾無線電的通訊。然而，不正確的安裝，並不保證不會發生系統錯誤，如果安裝過程中，對無線電通訊或電視產生不良影像請將系統關閉然後重開。 使用者可以依照正確的步驟安裝以避免所有可能發生的狀況或請有經驗的電子技師協助。

此裝置符合 FCC 條款中的 15 條，操作時有如下兩種情況：

（1） 此裝置不會引起有害干擾。

（2） 此裝置必須接受任何可以接受到的干擾，包括可能引起不希望出現的干擾。

安全資訊

- 5.6"液晶螢幕利用電池來提供無插電時使用，若是不當的拆解電池，將會對人體產生傷害，請勿隨意將電池拆解，或將電池碰水與過度曝曬。
- 仔細研讀使用者手冊。
- 請用原廠提供的配件，尤其是電源供應器未經驗證使用其他的配件可能會造成傷害。
- 開機前，請確認是否所有週邊都安裝正確。
- 使用時遠離水。
- 避免陽光直接曝曬或接近熱源。
- 請將本機放在穩固的桌面或台子，以免造成人員受傷或系統損害。
- 請勿讓任何東西壓在電源線上，或者將電源線放在人來人往的地方。
- 請勿讓插座負載過高，以免造成走火或電擊。
- 請勿自行修理系統，打開蓋子也許會讓使用者暴露在危險當中。
- 遇到以下狀況請即刻拔除電源：
  - 電源線損壞。
  - 液體潑灑到系統。

  - 本機摔落地面或者機箱破損。
- 本機故障的時候，請妥善包好，準備送修。
- **保固：**

液晶螢幕如果遭到任何人打開，保固自動終止使用者遇到問題應該向經銷商反應並尋求技術支援若是使用者不依照使用說明，或者不當使用造成系統損壞，製造商將不負任何責任。

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入門

這一部分是對啓動前的預備工作的描述及功能鍵操作介紹。

- “認識包裝內容”
- “認識各個組成部分”
- “認識功能操作”

檢查包裝內容

以下的明細清單僅供參考，由於選購配備的關係，包裝內容或許有不同。 如果有任何套件遺漏，請立刻聯絡您的供應商，拆下的包裝請保留，以利重新包裝使用。

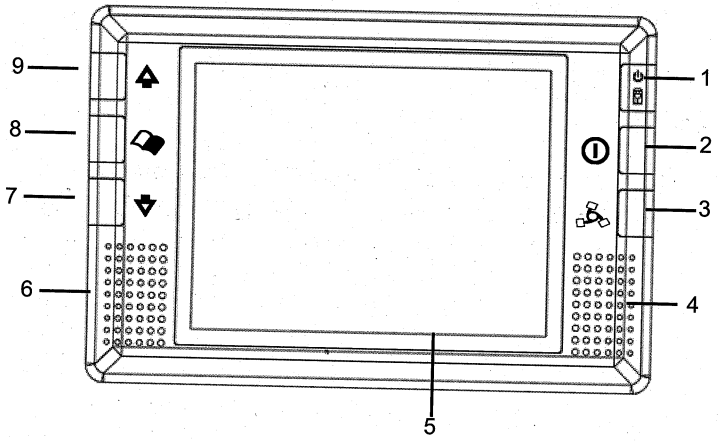
明細清單

- TFT LCD 螢幕 x1
- 鋰離子充電電池 x1
- 使用者手冊 x1
- 音源轉換線 x1
- 汽車電源線 x1
- 背包 x1

認識各個組成部分

這個部分將要描述產品的組成部分

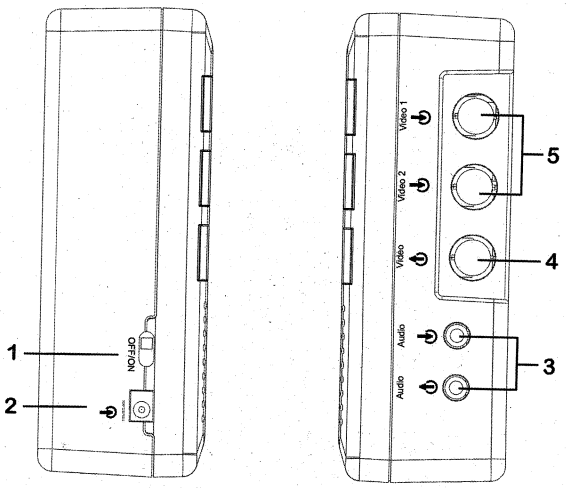
➢ 產品正面介紹



	描 述
1	電源狀態 / 充電狀態
2	電源開關
3	信號源切換
4	揚聲器
5	液晶螢幕
6	揚聲器
7	移動 / 向下調整 (減少音量)
8	OSD 功能調整選單 / 確認
9	移動 / 向上調整 (增加音量)

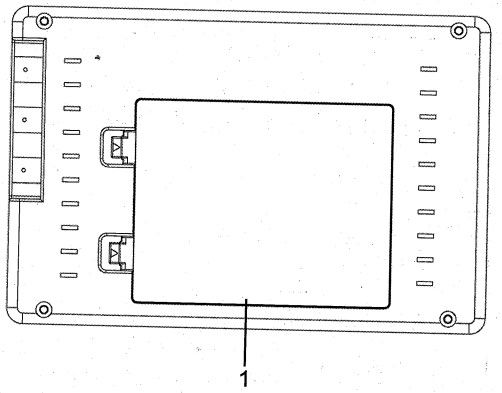
※備註：當電池在低電壓時，畫面會顯示低電壓電池符號

➢ 產品側面介紹



	描 述
1	電池供電切換 (ON 開 / OFF 關)
2	電源輸入連接 (DC IN)
3	音源 輸入 / 輸出 (Audio IN / OUT)
4	視訊輸出 (Video OUT)
5	視訊 1 / 視訊 2 輸入 (Video 1 / Video 2 IN)

➢ 產品背面介紹



	描 述
1	充電電池

OSD 選單

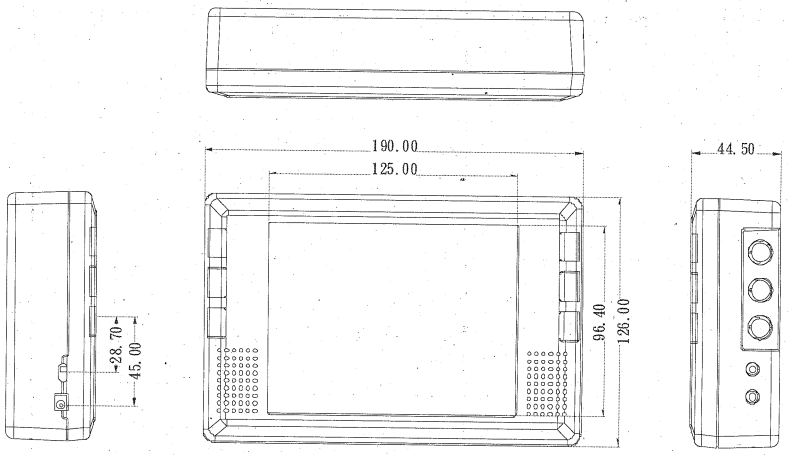
1. 按下 PICTURE 功能鍵，顯示器會出現選項主目錄。
2. 使用 DOWN、UP 功能鍵上下移動，移至該選項會以白底綠字呈現，確認需設定該選項後，按下 PICTURE 鍵即可進入該選項次目錄。

OSD 功能表

項次	功能
語言	有 7 種語言：英文，繁體中文，簡體中文，日文，法文，西班文，義大利文，德文，葡萄牙文，俄文及捷克文
自動關機	提供三種自動關機方式：取消自動關閉、5 分後自動關閉、10 分後自動關閉
對比	調整螢幕對比度
亮度	調整螢幕亮度
色彩	調整色彩濃淡
色相	調整顏色相位 (NTSC 系統時)
銳利	調整螢幕影像的清晰度
回復	恢復原廠系統設定值

※ **備註**：VOLUME—音量：主目錄畫面無此選項,按下 DOWN/UP 功能鍵調整聲音大小。輸入訊號順序：VIDEO1->VIDEO2->PATTERN

產品尺寸



產品規格

項目	規格
LCD 顯示器	5.6" TFT LCD Monitor
解析度	640 x (RGB) x 480
對比	500 : 1
亮度	200cd/m^2 (TYP.)
反應時間 (Tr / Tf)	10/15 ms (Typ.)
顯示模式	Video 1, Video 2, Test pattern
顯示顏色	16.7M
輸入	2 x BNC Inputs (1.0Vp-p @75Ω) 1 x Audio Input (3.5Φstereo Jack)
輸出	1 x BNC Outputs (1.0Vp-p @75Ω) 1 x Audio Output (3.5Φstereo Jack)
喇叭	1W (Max.)
前框控制按鍵	Power on/off, LED indicator, Source, UP (Volume Increase), Down (Volume Decrease),
顏色	銀色 (前) 塑膠 / 黑色 (後)
工作溫度	0℃~40℃
工作濕度	20%~85%
儲存溫度	-20℃~60℃
儲存濕度	20%~85%
輸入電壓	AC 輸入: 100~240V, 50 / 60Hz
消耗功率	DC 12V / 1.5A
充電電池	Li-ion battery (7.4V / 2600mAh)
產品尺寸	180(W) x 120(H) x 34(D) mm
內盒尺寸	256 x 175 x 116mm (1pc/Box)
重量	N.W：0.62kgs G.W：1.55kgs
支援底座/腳架	1/4" standard screw mount on bottom
安規	FCC, CE(EMC), BSMI
可視角度(左/右)	70° / 70° (TYP.)
可視角度(上/下)	50° / 70° (TYP.)

規格變更,恕不另行通知